

# Public Transit - Program Details



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SENATE TRANSPORTATION  
COMMITTEE

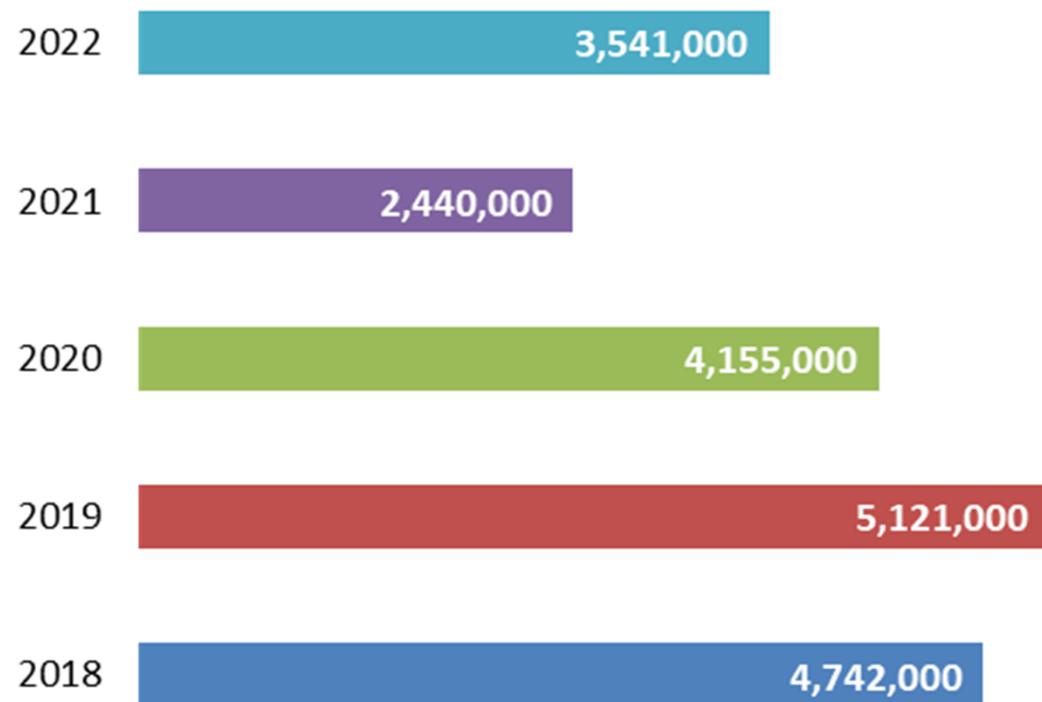
MARCH 16, 2023



# Ridership

In SFY 2022 Vermont's public transit systems provided 3.54 million trips. This figure represents a 45% increase over the total from SFY 2021, but still remains about 30% below the ridership carried in SFY 2019

Figure 2: Statewide Ridership

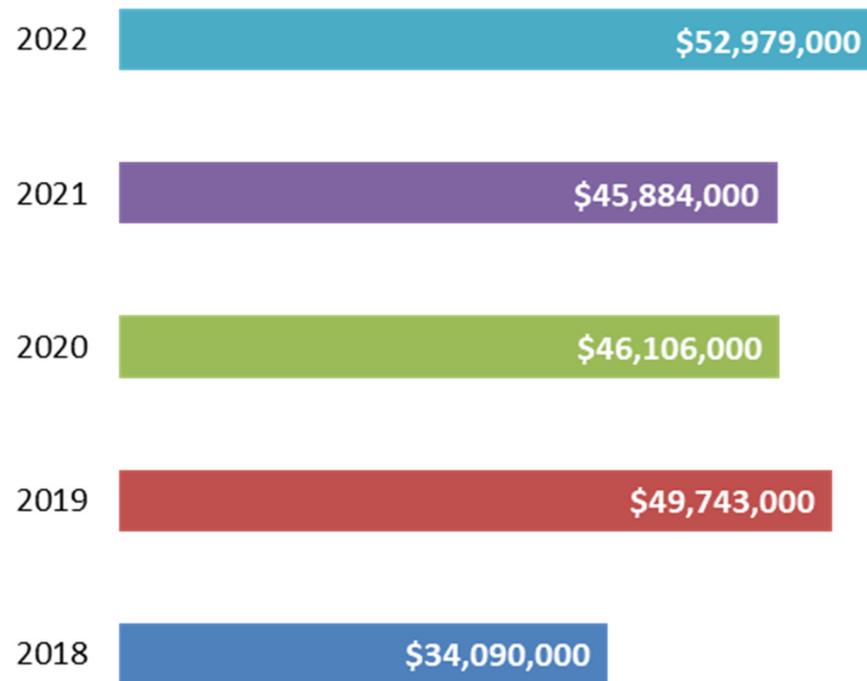


# Operating Costs

In SFY 2022 transit operating costs totaled \$53 million, a 15.5% increase over SFY 2021

The increase is mainly due to more service being operated (especially intercity bus and tourism routes), as well as increasing fuel prices and labor costs as inflation and a driver shortage

Figure 3: Statewide Operating Costs

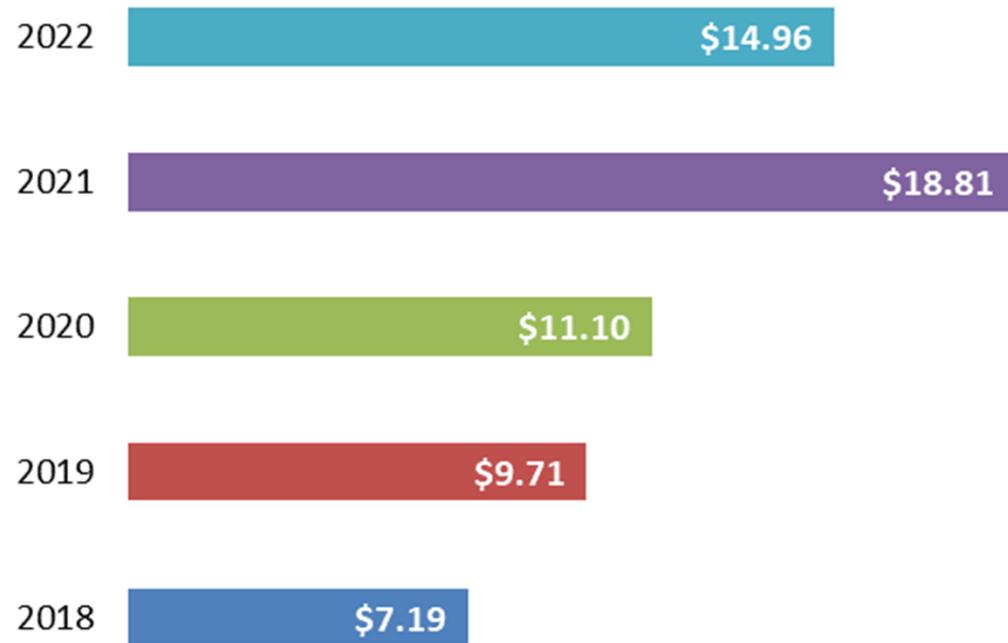


# Trip Costs

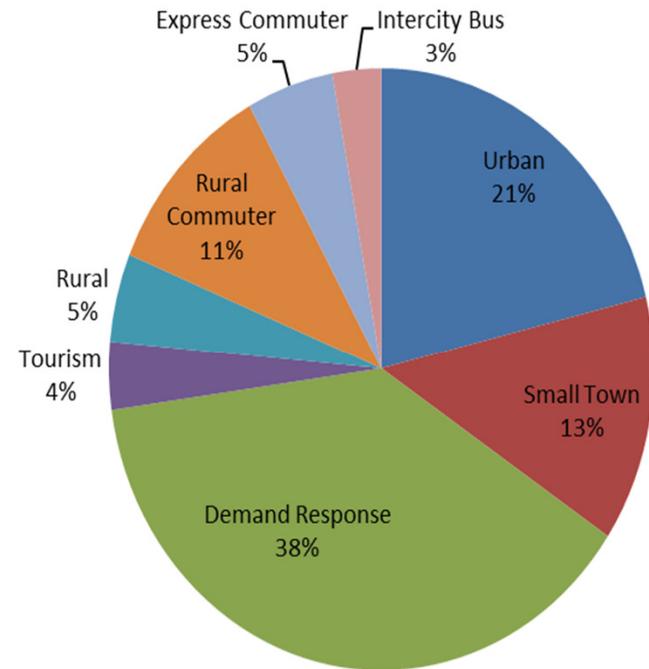
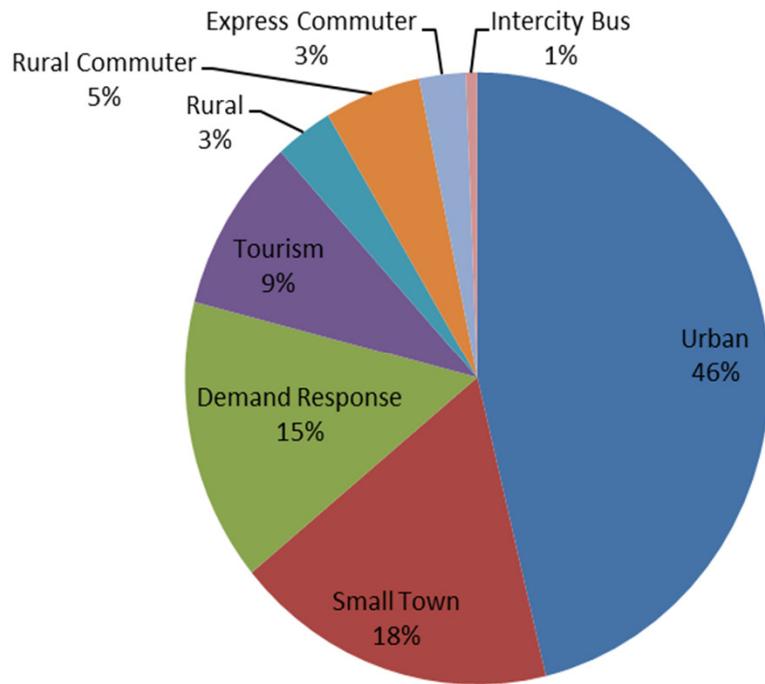
The improvement in cost effectiveness is due to increased ridership as travelers returned to the transit system.

Note that this calculation involves the gross cost per trip, and so the lack of fare revenue in SFY 2022 has no impact on this statistic. As ridership continues to recover and inflation eases, the cost per trip would be expected to drop in SFY 2023.

Figure 4: Cost per Trip

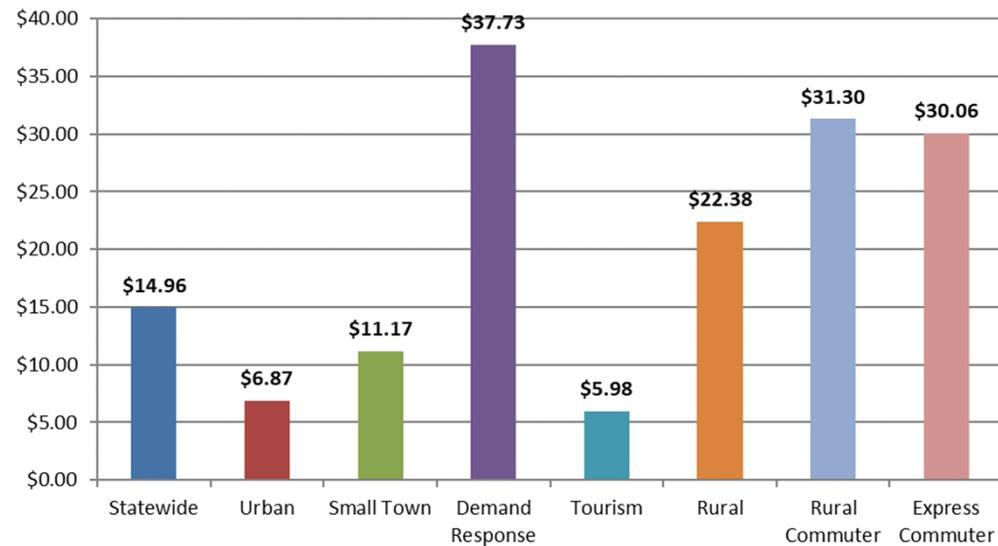


# Service Category Ridership and Costs (%)



# Category Costs

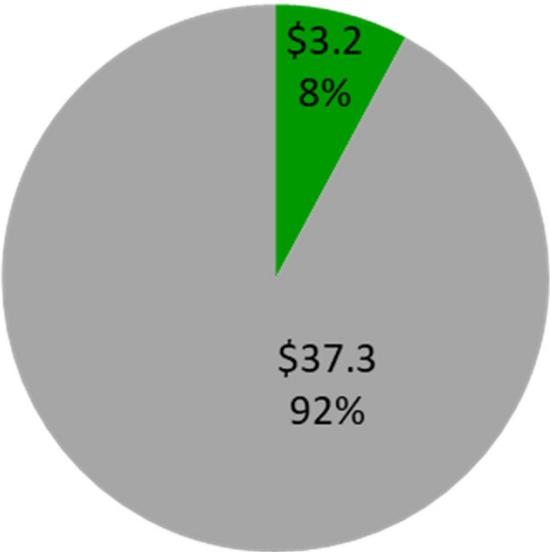
Urban, Small Town and Tourism had a cost per trip that was lower than the statewide average. Compared to SFY 2021, the cost per trip dropped for all route classes due to higher ridership. The decreases were greatest for Tourism (-43%) and Rural (-41%) and least for Demand Response (-12%) and Small Town (-14%). Demand Response and commuter routes were the most expensive types of service on a per trip basis.



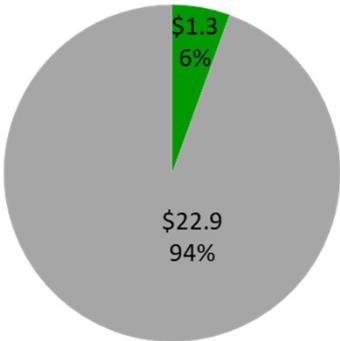
# Local Share

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**Statewide  
(in \$millions)**

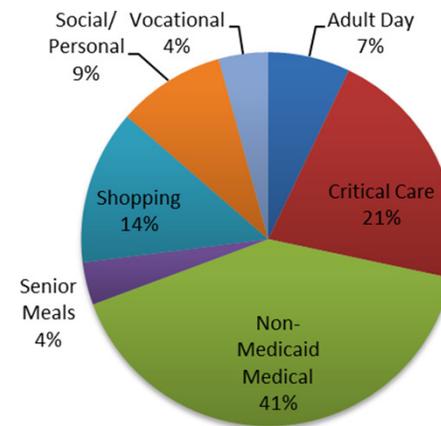
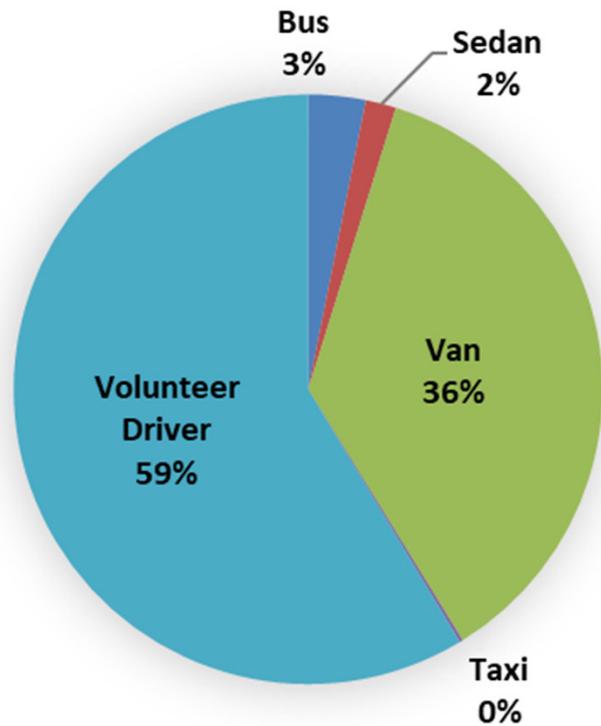


**Statewide, Excluding GMT-Urban  
(in \$millions)**



- Local Funding
- State and Federal Funding

# E&D Trip Mode and Purpose - 2022



## ELDERS AND PERSONS WITH DISABILITIES (E&D) PROGRAM

- In SFY22, the total amount spent on the E&D program in Vermont was \$5.12 million, 93% of which (\$4.75 million) was federal money. This federal percentage is higher than in prior years because coronavirus relief funds do not require the 20% match that regular formula funds do.
- 107,000 trips carried compared to 200,000 in SFY 19.30% higher than the SFY 21 figure of 90,000 trips.
- Green Mountain Transit (GMT) with its partners Special Services Transportation Agency in Chittenden County and CIDER in Grand Isle County accounted for the largest share at about 26% of the total. Rural Community Transportation accounted for the second largest share at 19%. The cost per passenger trip ranged from about \$27 at Marble Valley in Rutland, to about \$65 at Tri-Valley Transit.
- Significant shift of about 10% from volunteer drivers toward vans compared to SFY 2021. Higher gasoline prices in the second half of the fiscal year discouraged some volunteers from driving as much as they had in the past.

Service Category	"Successful" Cost-Effectiveness Standard		"Acceptable" Cost-Effectiveness Standard	
	2022	2021	2022	2021
Urban	\$5.99	\$7.63	\$13.49	\$17.16
Small Town	\$10.41	\$12.13	\$23.42	\$27.28
Demand Response	\$30.65	\$31.67	\$68.96	\$71.26
Tourism	\$4.86	\$6.92	\$10.94	\$15.57
Rural	\$22.56	\$26.35	\$50.76	\$59.28
Rural Commuter	\$33.38	\$43.35	\$75.11	\$97.53
Express Commuter	\$26.16	\$34.97	\$58.86	\$78.68

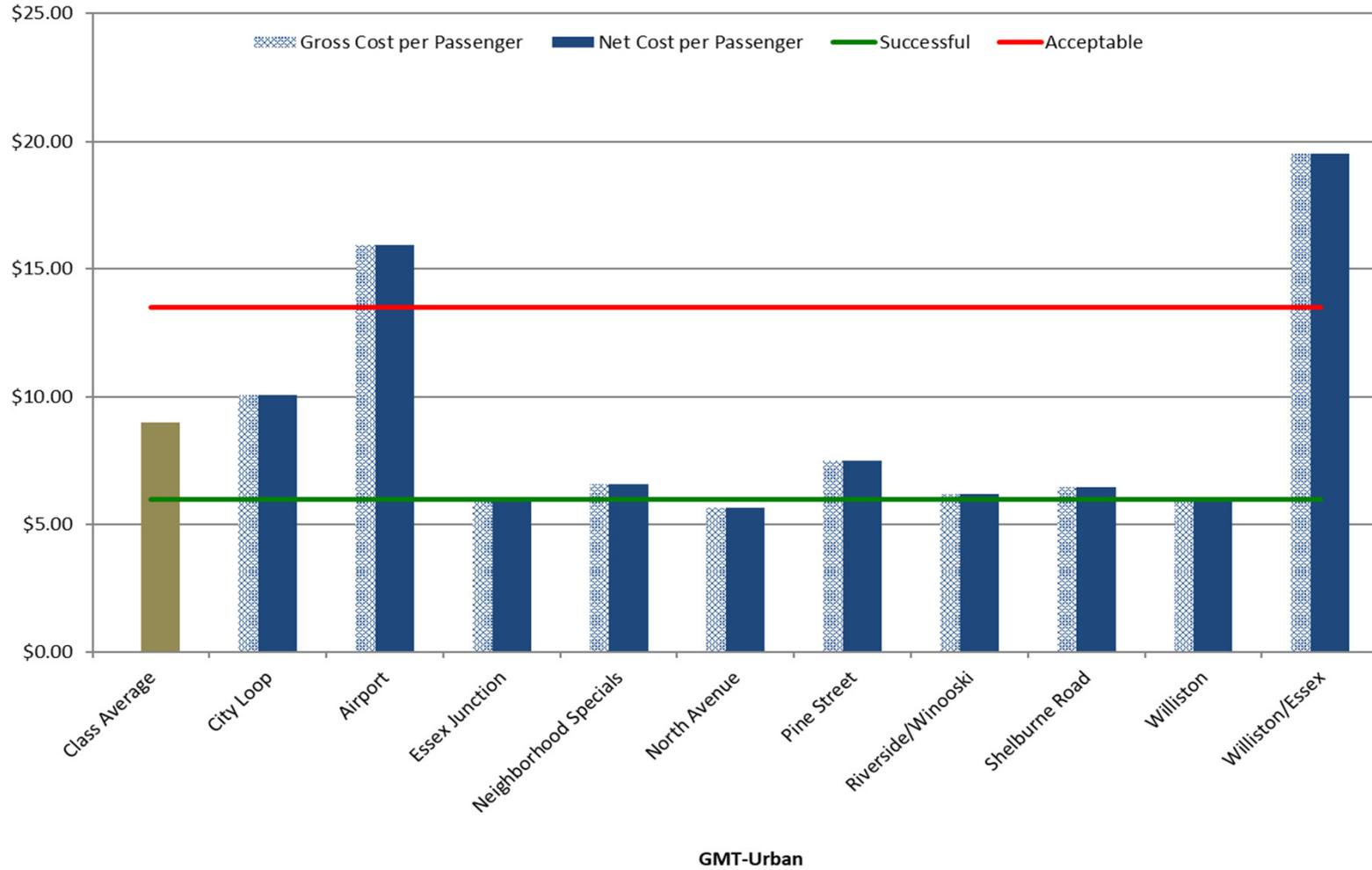
## *Underperforming Transit Services*

Statewide, 15 transit services did not meet the Acceptable thresholds for cost-effectiveness. Six of these services underperformed for the first time:

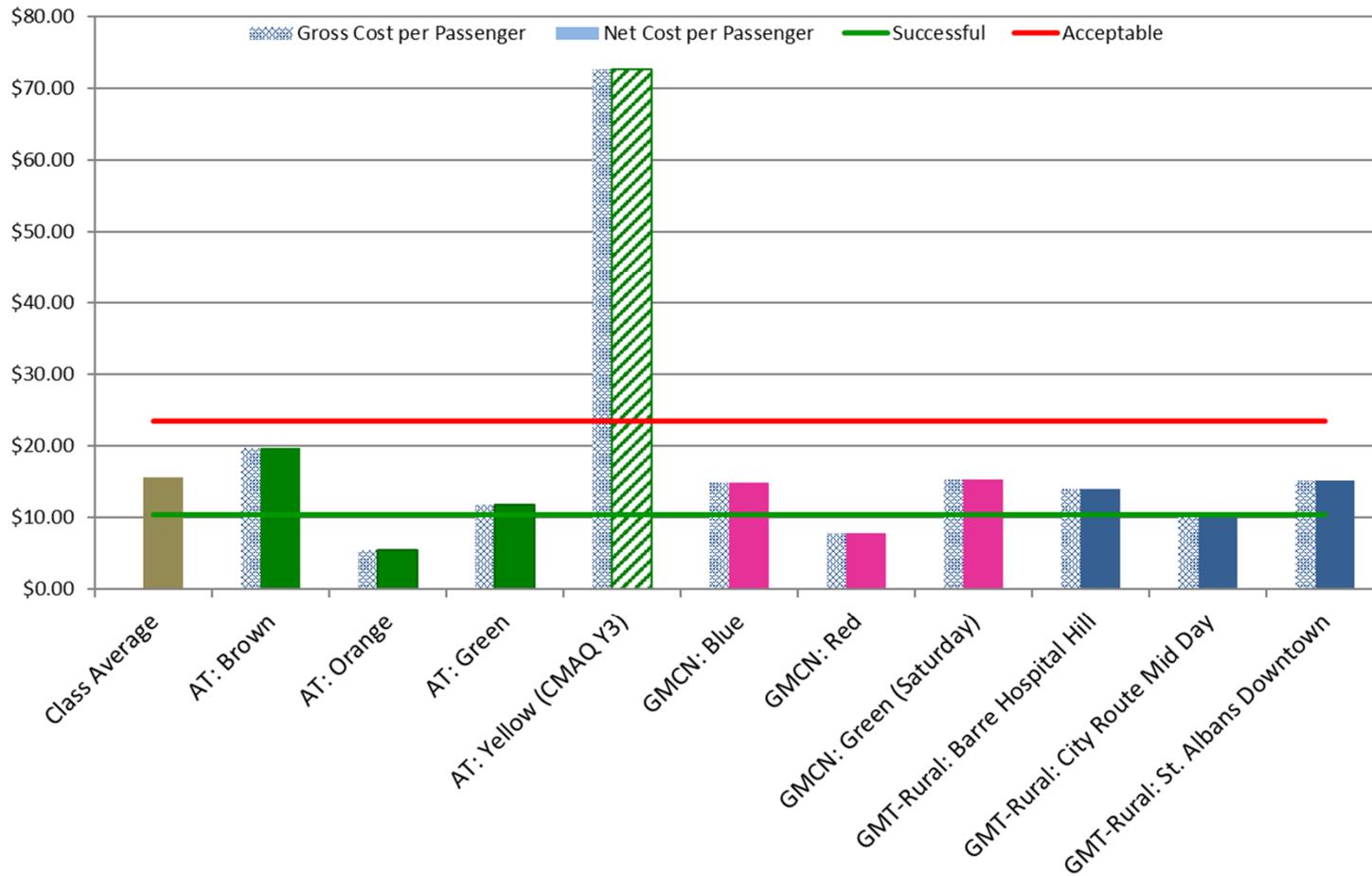
- RCT: Jay-Lyn Shuttle
- VABVI Demand Response
- RCT: Burke Shuttle
- GMT-Rural: US 2 Commuter
- Vermont Translines US 7

Service Category	Route	Years Underperforming
Express Commuter	TVT-Stagecoach: 89er	9
Rural Commuter	TVT: Thetford Connector	2
Rural Commuter	RCT: 15/14 Commuter	3
Rural Commuter	RCT: Littleton	2
Rural Commuter	SEVT: Okemo Seasonal	2
Urban	GMT-Urban: Airport	2
Urban	GMT-Urban: Williston/Essex	7
Rural	TVT: Bradford Circulator	3
Small Town	AT: Yellow Route	3
Tourism	GMT: Valley Floor Shuttle	3

### Graph #1: 2022 Urban Cost per Passenger

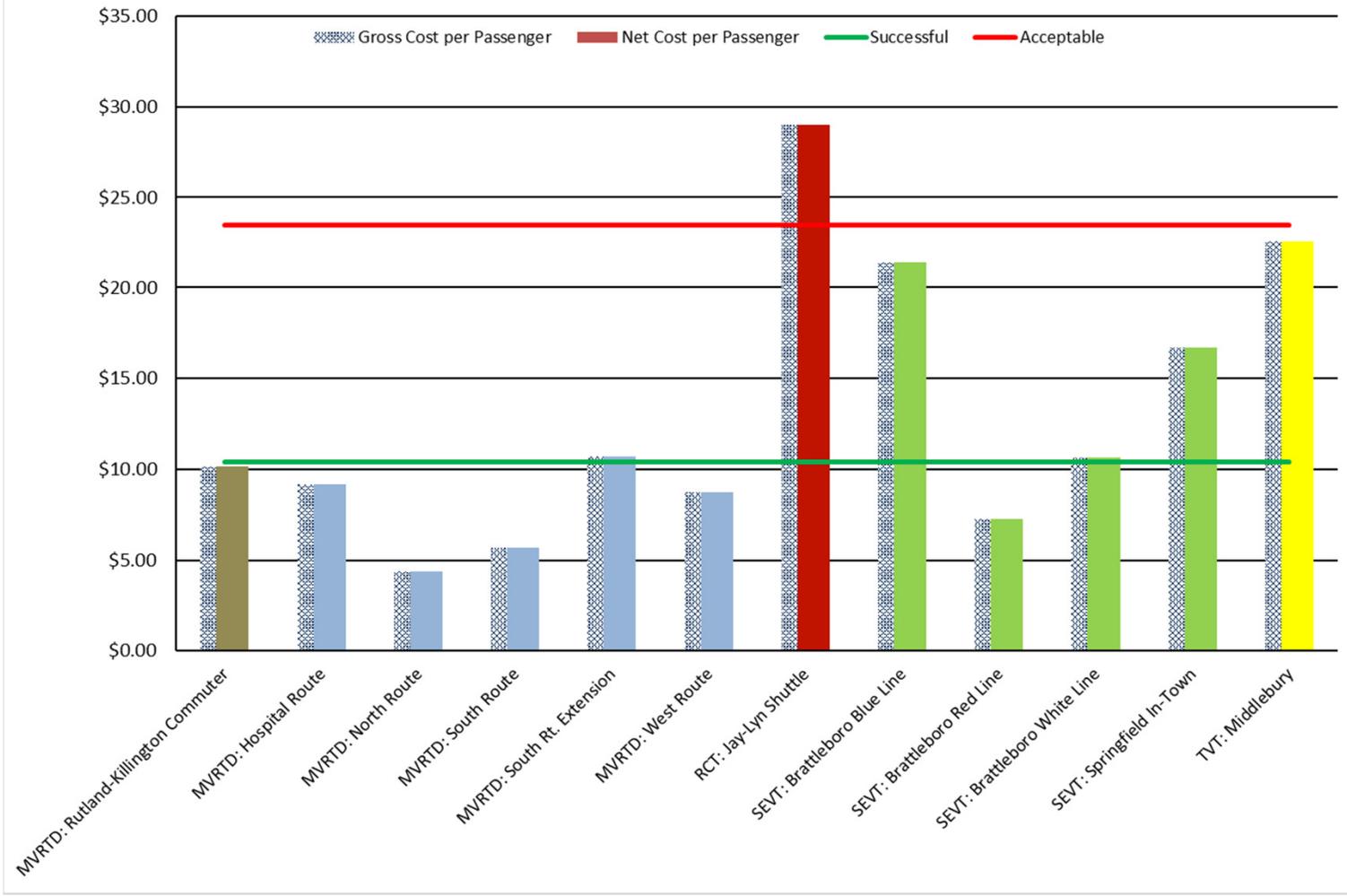


### Graph #2: 2022 Small Town Cost per Passenger (page 1)

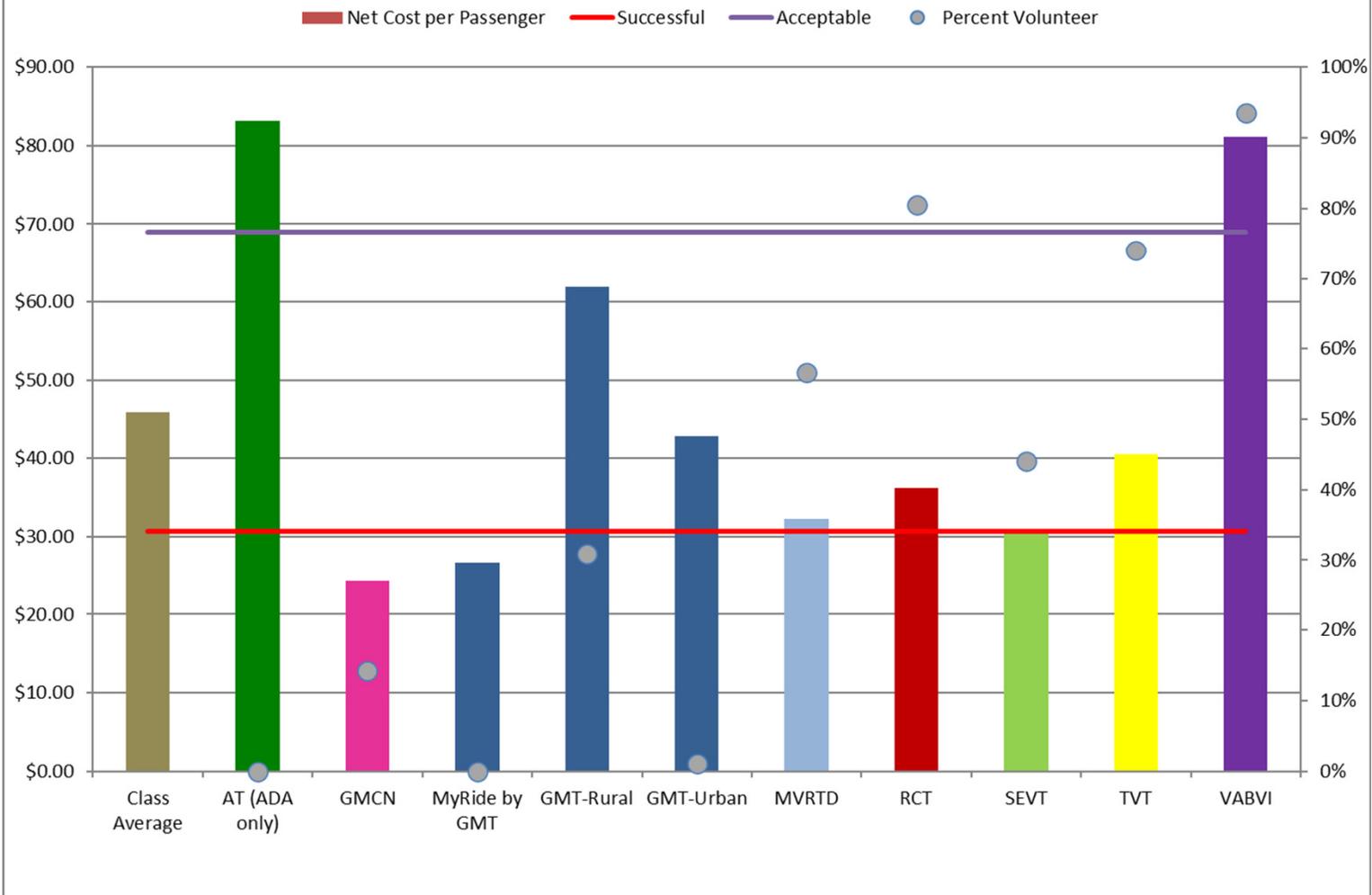


Note: Data for AT routes represent the entire route, even though a portion of the route is in New Hampshire.

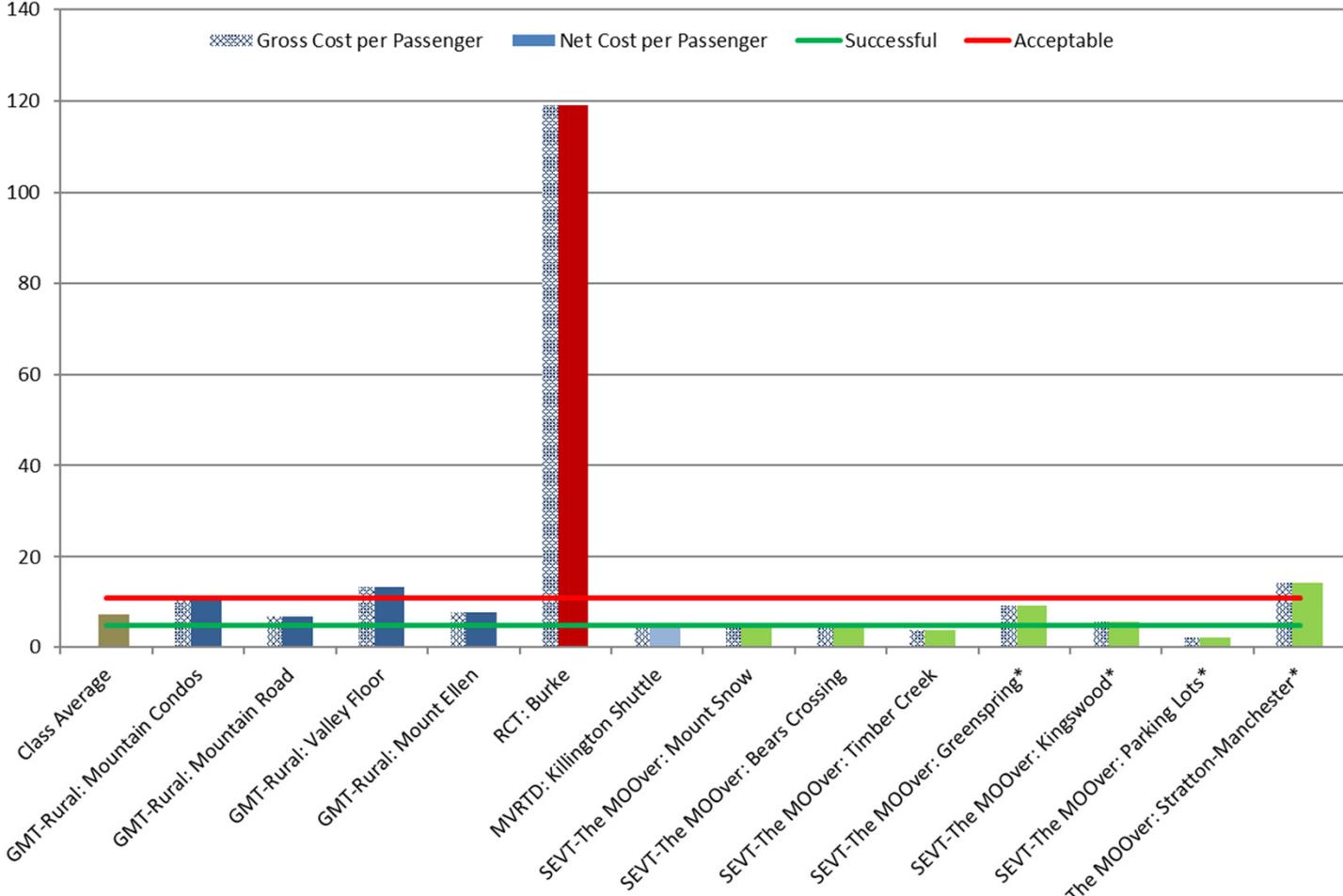
### Graph #2: 2022 Small Town Cost per Passenger (page 2)



### Graph #3: 2022 Demand Response Cost per Passenger

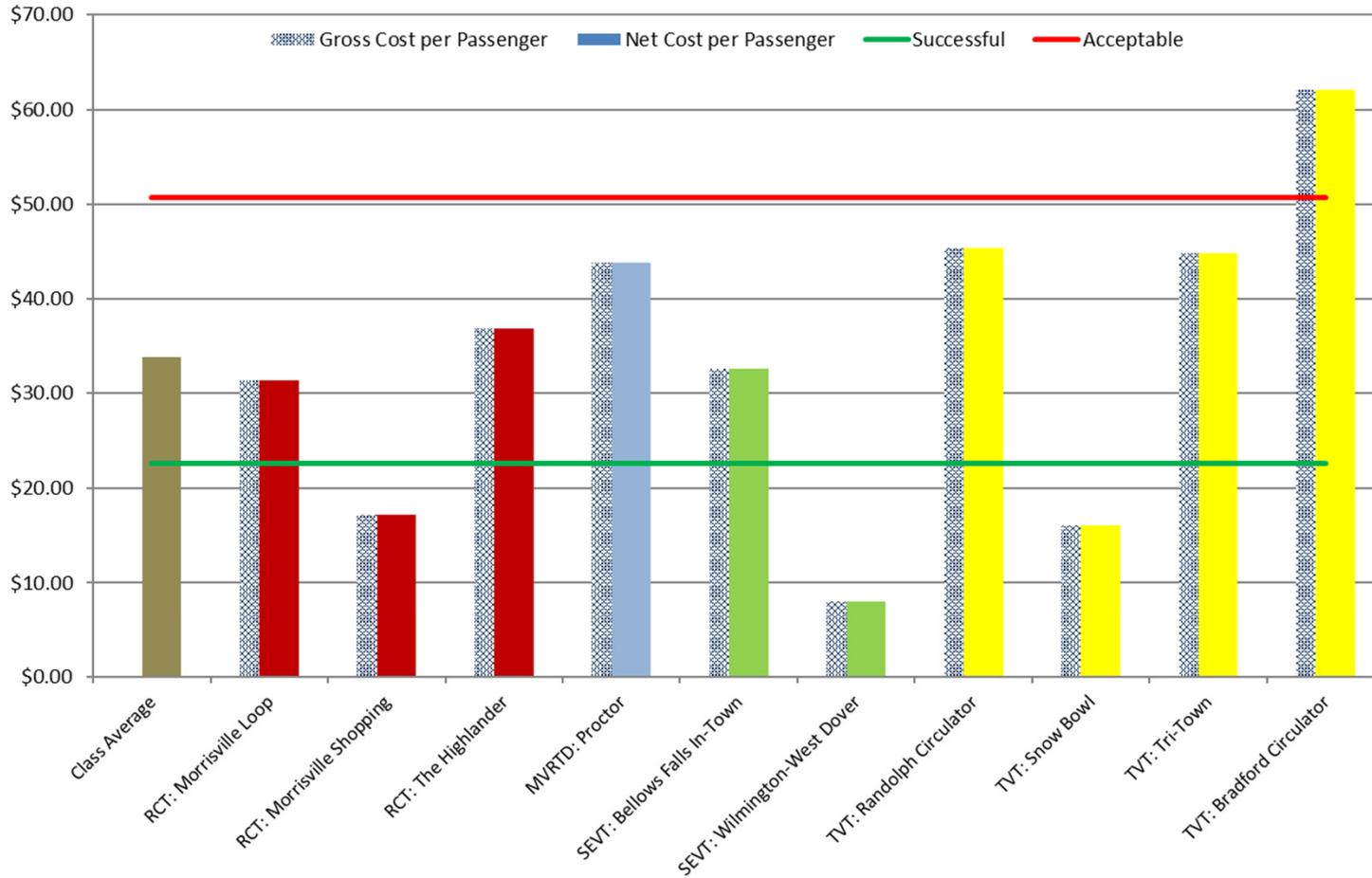


### Graph #4: 2022 Tourism Cost per Passenger

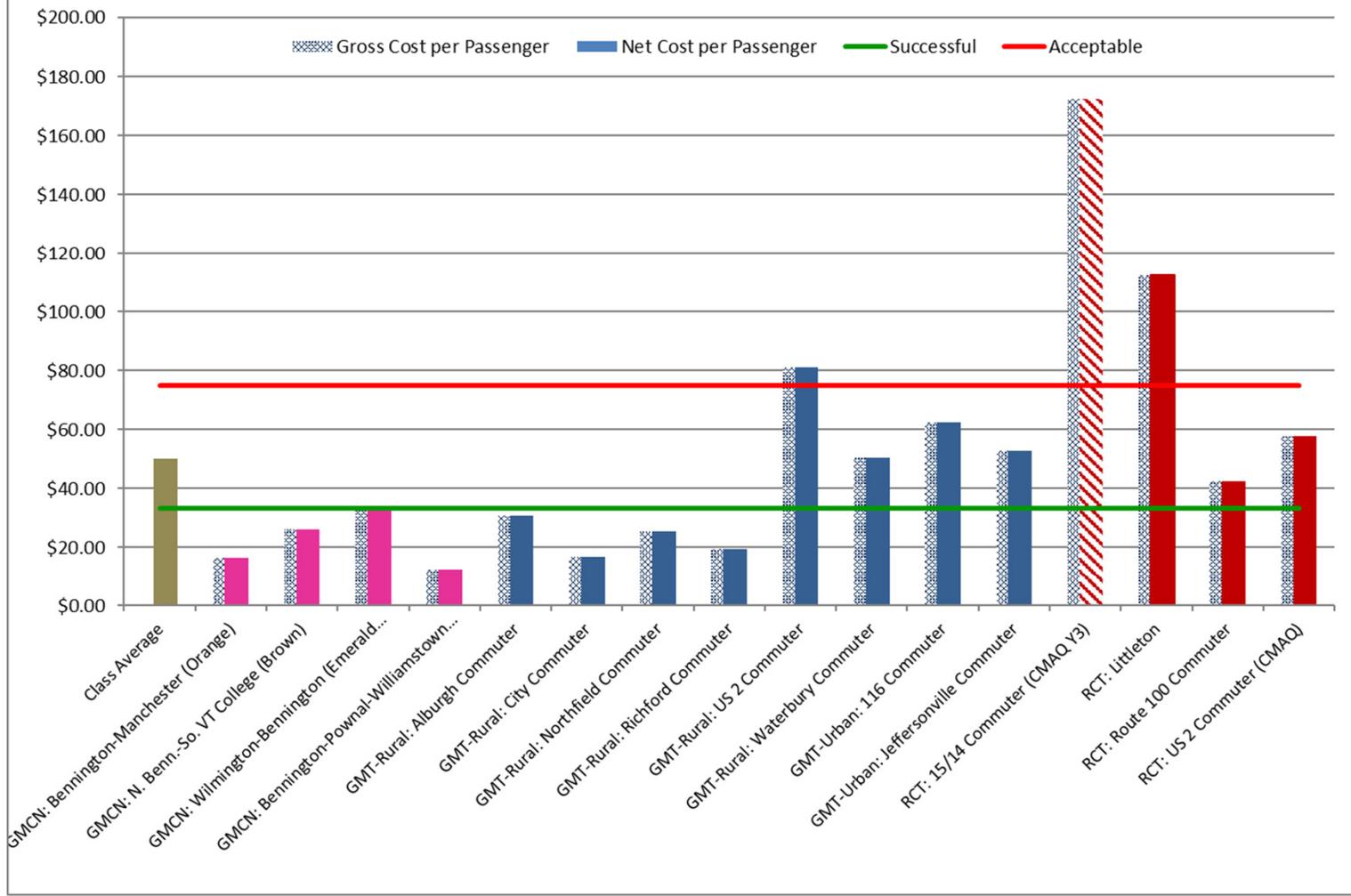


\*Privately funded operations; no state or federal funds

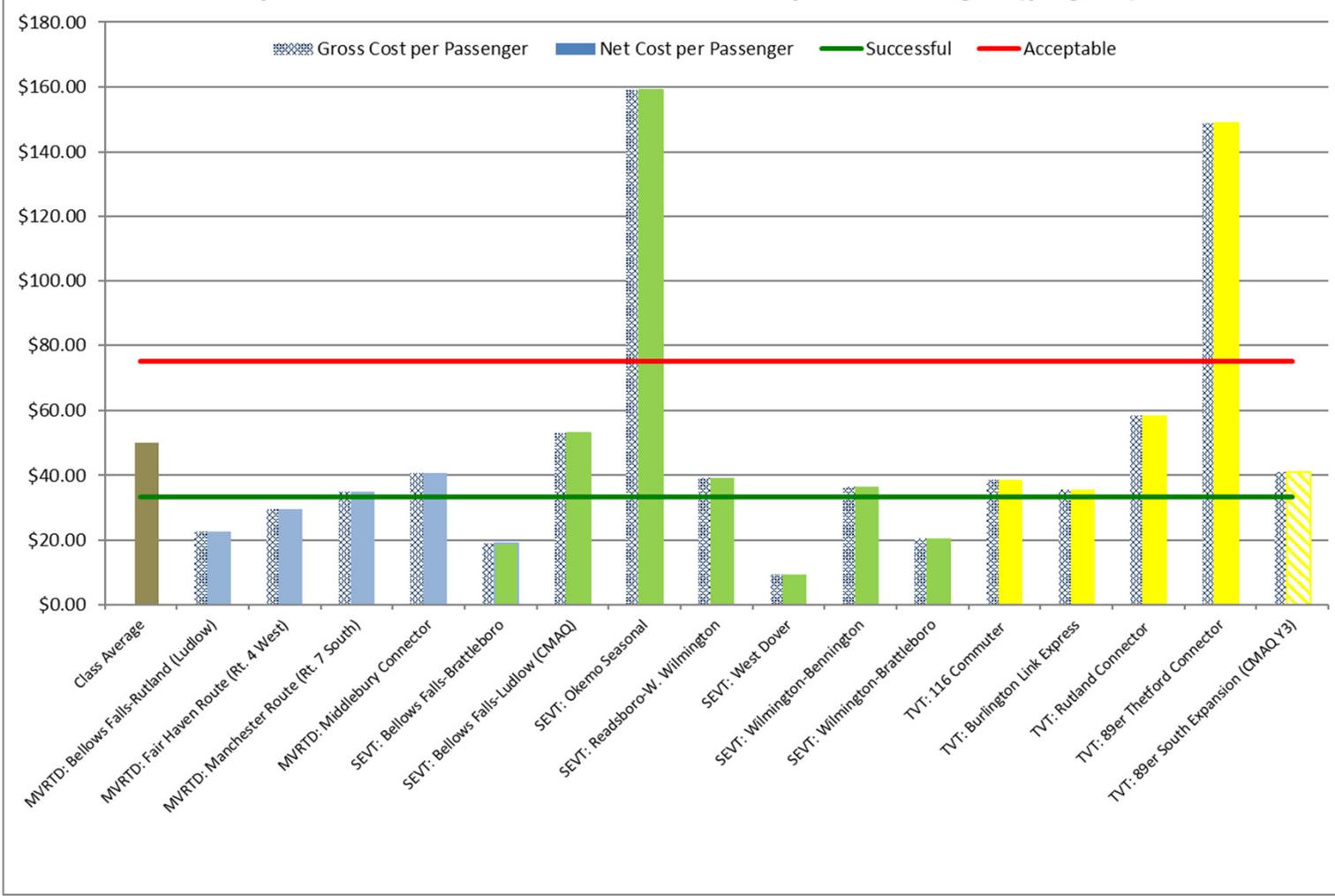
### Graph #5: 2022 Rural Cost per Passenger



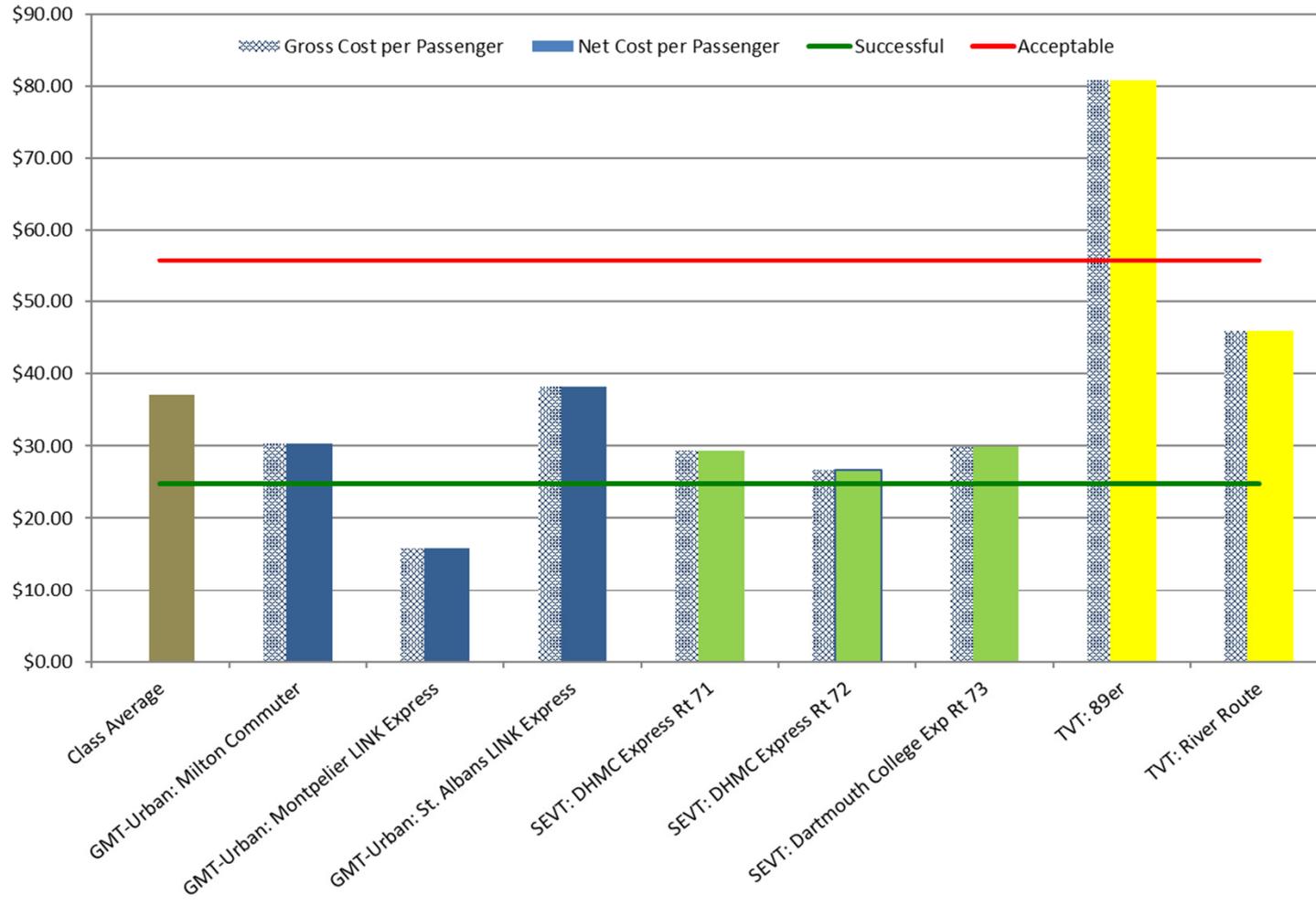
### Graph #6: 2022 Rural Commuter Cost per Passenger (page 1)



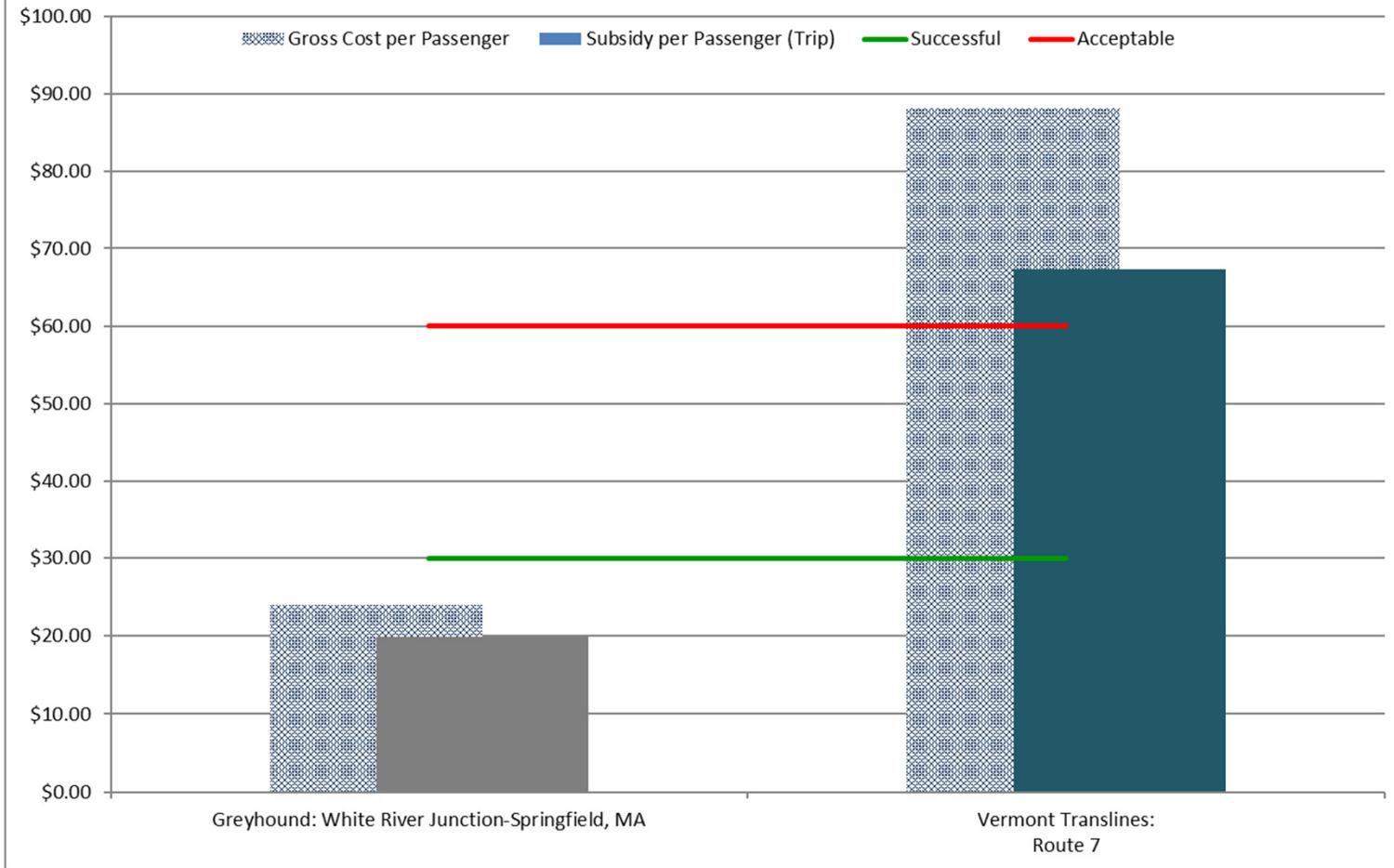
### Graph #6: 2022 Rural Commuter Cost per Passenger (page 2)



### Graph #7: 2022 Express Commuter Cost per Passenger



### Graph #8: 2022 Intercity Cost per Passenger



# Fully Allocated Hourly Transit Rates

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AT	\$	110.65
GMCN	\$	76.55
TVT	\$	116.09
MVRTD	\$	91.89
RCT	\$	107.71
SEVT	\$	85.94
GMT Urban	\$	127.58
GMT Rural	\$	107.59



# KNOW & go!

Your resource for finding greener travel options that will get you where you need to go.



 <b>BUS INFORMATION</b> <ul style="list-style-type: none"><li>• Bus Information</li><li>• City to City Bus Routes</li><li>• Local Bus Routes</li></ul>	 <b>RIDESHARING</b> <ul style="list-style-type: none"><li>• Carpool</li><li>• CarShare</li><li>• Commuter Co-op</li><li>• Park &amp; Ride Locations</li></ul>	 <b>TRAIN INFORMATION</b> <ul style="list-style-type: none"><li>• Trains</li></ul>
 <b>FERRY INFORMATION</b> <ul style="list-style-type: none"><li>• Ferries</li></ul>	 <b>EV CARS AND CHARGING STATIONS</b> <ul style="list-style-type: none"><li>• Find a Charging Station Near You</li></ul>	

# Services at Go! Vermont



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Tools, programs, incentives/services

Initial consultation—requested guidance

Employee survey—sample questions

Employee cluster assessment

Encouragement and capacity building

# GUIDES FOR GETTING AROUND

**NEED TRANSPORTATION IN ADDISON COUNTY**

This page provides information on how to get around Addison County. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**ADDISON COUNTY:** This page lists various transportation services available in Addison County, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in Addison County.

Addison County Transportation Guide

**NEED TRANSPORTATION IN BENNINGTON COUNTY**

This page provides information on how to get around Bennington County. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**BENNINGTON COUNTY:** This page lists various transportation services available in Bennington County, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in Bennington County.

Bennington County Transportation Guide

**NEED TRANSPORTATION IN CENTRAL VERMONT**

This page provides information on how to get around Central Vermont. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**CENTRAL VERMONT:** This page lists various transportation services available in Central Vermont, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in Central Vermont.

Central Vermont Transportation Guide

**NEED TRANSPORTATION IN CHITTENDEN COUNTY**

This page provides information on how to get around Chittenden County. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**CHITTENDEN COUNTY:** This page lists various transportation services available in Chittenden County, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in Chittenden County.

Chittenden County Transportation Guide

**NEED TRANSPORTATION IN FRANKLIN COUNTY OR GRAND ISLE COUNTY**

This page provides information on how to get around Franklin and Grand Isle Counties. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**FRANKLIN COUNTY OR GRAND ISLE COUNTY:** This page lists various transportation services available in Franklin and Grand Isle Counties, including wheelchair-accessible vehicles, paratransit, and senior services.

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**ADDITIONAL RESOURCES:** This section lists other resources and services available in Franklin and Grand Isle Counties.

Franklin and Grand Isle Counties Transportation Guide

**NEED TRANSPORTATION IN LAMOILLE COUNTY**

This page provides information on how to get around Lamoille County. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

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**LAMOILLE COUNTY:** This page lists various transportation services available in Lamoille County, including wheelchair-accessible vehicles, paratransit, and senior services.

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**ADDITIONAL RESOURCES:** This section lists other resources and services available in Lamoille County.

Lamoille County Transportation Guide

**NEED TRANSPORTATION IN THE NORTHEAST KINGDOM**

This page provides information on how to get around the Northeast Kingdom. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**NORTHEAST KINGDOM:** This page lists various transportation services available in the Northeast Kingdom, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in the Northeast Kingdom.

Northeast Kingdom Transportation Guide

**NEED TRANSPORTATION IN ORANGE & NORTHERN WINDSOR COUNTIES**

This page provides information on how to get around Orange and Northern Windsor Counties. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**ORANGE & NORTHERN WINDSOR COUNTIES:** This page lists various transportation services available in Orange and Northern Windsor Counties, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in Orange and Northern Windsor Counties.

Orange & Northern Windsor County Transportation Guides

**NEED TRANSPORTATION IN THE UPPER VALLEY**

This page provides information on how to get around the Upper Valley. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

**Requesting your travel needs:** We are working to get you where you need to go.

**UPPER VALLEY:** This page lists various transportation services available in the Upper Valley, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in the Upper Valley.

Upper Valley Transportation Guide

**NEED TRANSPORTATION IN WINDHAM COUNTY**

This page provides information on how to get around Windham County. It includes details on how to request a ride, what services are available, and contact information for various transportation providers.

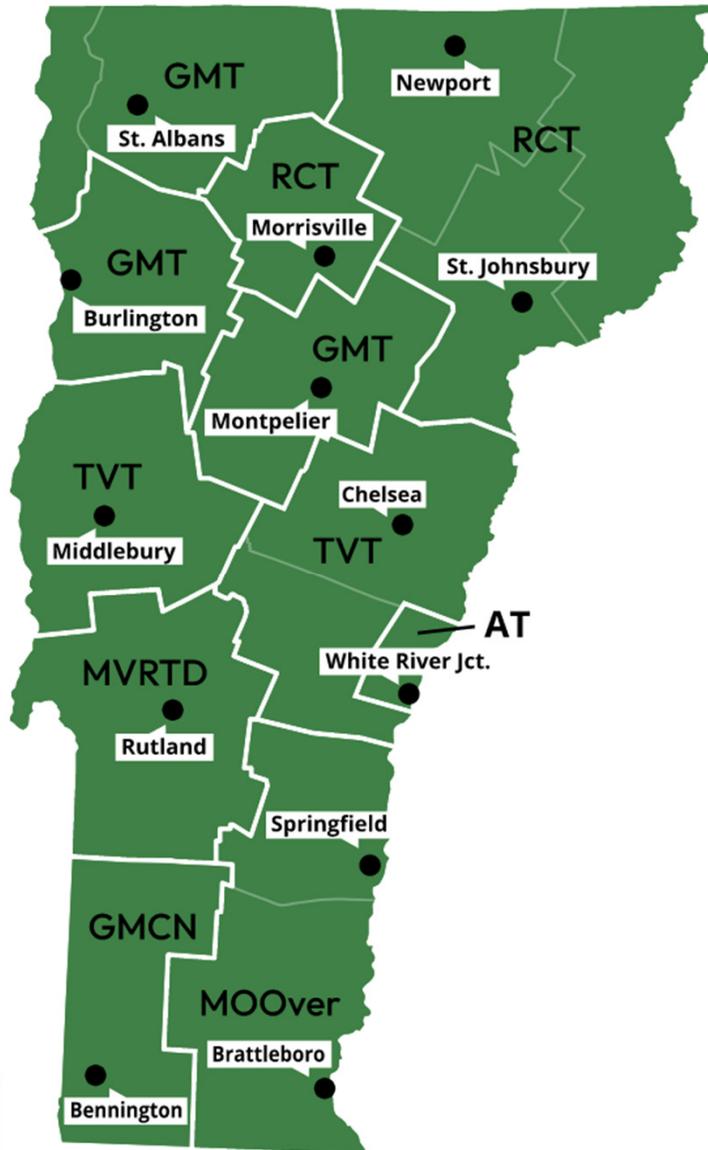
**Requesting your travel needs:** We are working to get you where you need to go.

**WINDHAM COUNTY:** This page lists various transportation services available in Windham County, including wheelchair-accessible vehicles, paratransit, and senior services.

**CONTACT & SERVICE:** This section provides contact information for the Vermont Agency of Transportation and other local providers.

**ADDITIONAL RESOURCES:** This section lists other resources and services available in Windham County.

Windham County Transportation Guide



**FRANKLIN, CHITTENDEN,  
LAMOILLE AND  
WASHINGTON COUNTIES**

[Green Mountain Transit](#)

1-866-864-0211 (toll-free)

VT  
Agency of Transportation

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- Bus Information
- Routes Outside Vermont
- Local Bus Routes



**RIDESHARING**

- Carpool
- CarShare
- Commuter Co-op
- Park & Ride Locations



**TRAIN INFORMATION**

- Trains



**FERRY INFORMATION**

- Ferries



**EV CARS AND CHARGING STATIONS**

- Find a Charging Station Near You



# Go! Vermont Trip Planner

## Find Rides:

For my commute (to work or school) ▾

**A** Montpelier, VT, USA

**B** Burlington, VT, USA

Matches	Carpoolers	Map
<b>31</b> carpoolers	 varsharacha 211 feet Department of labor Burling...	
<b>0</b> vanpools	 alana5786 0.45 mi Vermont Violins	
<b>3</b> transit routes	 scott1017 1.4 mi University of Vermont	
<b>1</b> bike route	 michael1007 1.5 mi University of Vermont	
<b>1</b> walk route	 mara76 3.4 mi Beta Technologies	

# TRACK YOUR BUS



IS UPGRADING YOU TO



**transit**  
**royale**

## You're getting the Royale treatment

Go! Vermont insists on the best for their riders. So they partnered with Transit to level up your commute.

That's right: since you ride Go! Vermont regularly, you automatically qualify for a free subscription to Transit Royale 🎉

Redeem free Royale



App icon Accent color

OFFICIAL



# Level up your commute

Go! Vermont has you covered





All trips ▼	All modes ▼	Carpool ▼
Recorded trips	53,909	7,521
Participants	413	80
Avg trip distance (mi)	13.5	30
Avg vehicle occupancy	-	2.3
Reduced trips	63,586	7,035
Reduced miles (VMT)	776,012	211,266
Gallons of gas saved	34,048	9,423
Reduced NOx (lbs)	1,018	277
Reduced VOC (lbs)	1,004	273
Reduced PM 2.5 (lbs)	14.8	4.04
Reduced CO (tons)	2.66	0.72
Reduced CO2 (tons)	334	92.3
Money saved	\$470,945	\$128,599
Calories burned	3,569,038	-

# Mobility and Transportation Innovation Focus

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Support innovative strategies and projects that improve both mobility and access to services for:

- Transit-dependent Vermonters,
- Reduce the use of single occupancy vehicles, and
- Reduce greenhouse gas emissions.

Project Types	Year 1	Year 2	Year 3
Microtransit Pilots	2	1	6
Bike Share/E Bike Programs	4	1	2
Walking Programs	0	0	1
Public Transit Rider Support	3	2	2
Telework Resources	1	0	0
Carshare/Mobility Support	3	1	2
Transportation Demand Activity Support	0	2	1

Grantee Name	Project Title
Capstone Community Action, Inc.	Rural and Equity Transportation Program
Green Mountain CarShare, Inc d/b/a	Greenlining Shared Electric Mobility
Chittenden Area Transportation Management Association	CATMA Telework Program
Chittenden County Regional Planning Commission	Greenride Bikeshare E-Bikes and Expansion
LocalMotion	Providing Bike Parking at High Traffic Destinations to Increase Bicycling Mode Share for Vermonters and Satellite E-bike Lending Libraries
Ludlow	Microtransit Feasibility Study for the Ludlow/Okemo Area
Middlebury College	New Technologies for Dial-a-Ride
Burlington Bicycle Project Corp. d/b/a Old Spokes Home	Engage & Connect Underserved & Diverse Vermonters To Existing Transit Options
Sustainable Montpelier Coalition	On-Demand Microtransit Rider Engagement and Marketing
Vermont Natural Resources Council	Reducing SOV usage and boosting alternatives at a large employer
Vermont Energy Investment Corporation	Future of Rural Transit
Vital Communities	Upper Valley E-Bike Subsidy Program

Grantee Name	Project Titles
CATMA	CATMA Program Support
Capstone	Mobility and Equity Program
LCPC	Lamoille County Community Rides Study
UVM	TDM Marketing - Research and Public Campaign Vision
LocalMotion	Satellite E-Bike Lending Libraries Phase II
VEIC	Future of Rural Transit
Sustainable Montpelier Coalition	Program Support for MyRide community Engagement

MTI Grants Metrics Tracking	Totals Year 1	Totals Year 2
Total Engagement (Individuals and Organizations)	3804	6407
Vehicle Miles Traveled Reduction	11403	N/A
E-Bikes Purchased	216	54
CO2 Reduction (Metric Tons)	25.51	5.7
CO2 Reduction Equivalent to Charging	3.1 Million Smartphones	700,000 Smartphones

As reported on 12/31/22 by Grantees

MTI Grant Years	Total Awarded	Engagement (Cost per Individuals and Organization)	CO2 Reduction (Cost per Metric Ton)
Year 1 Planning	\$243,475	\$71	N/A
Year 1 Projects	\$256,525	\$623	\$10,056
Year 2 Planning	\$270,751	\$45	N/A
Year 2 Projects	\$60,400	\$178	\$10,596
Year 3 Planning	\$344,135	N/A	N/A
Year 3 Projects	\$640,628	N/A	N/A
GoVermont 2022	\$526,931	\$10*	\$1,785

\*Cost Per Trip

Grantee Name	Project Titles
Advance Transit	Eliminating Information Barriers and Building Incentive for Transit Usage
Lamoille Community House	Lamoille Community House E-Bikes
CarShare VT	Expanding CarShare Vermont to Winooski
NetZero Vermont	Expanding Montpelier E-Bike Lending Library
	Walk to Shop
Bugbee Senior Center	Life After Driving: Freedom and Mobility while Aging in Place
VEEP	Transportation Initiatives in Education 2022
Vital Communities	Upper Valley TDM Programming
Town of Williston	Microtransit Feasibility Study
RCT	Microtransit Operations
GMCN	Microtransit Operations
SEVT	Microtransit Operations
GMT Montpelier	Microtransit Operations
GMT Barre	Microtransit Operations

# STATE OF VERMONT Agency of Transportation

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## MOBILITY AND TRANSPORTATION INNOVATIONS (MTI) GRANT PROGRAM

Enabled by the Legislature with the passage of the 2020 Transportation Bill ([Act 121](#)), the Vermont Agency of Transportation is pleased to announce the Mobility and Transportation Innovation (MTI) Grant Program. The program is designed to support innovative strategies and projects that improve both mobility and access to services for transit-dependent Vermonters, reduce the use of single occupancy vehicles, and reduce greenhouse gas emissions.



### Focal Areas:

- Extension of existing TDM programs
- Creation of new TDM programs
- Creation and marketing of TDM Resources
- Expansion of first mile/last mile programs
- Support for employers and/or employees to adopt TDM measures (including incentives), in collaboration with an existing or new TDM program provider



## Mobility and Transportation Innovation (MTI) Grant Program

**\$500,000 in funding SFY24:**

- Extension of existing TDM programs
- Creation of new TDM programs
- Creation and marketing of TDM Resources
- Expansion of first mile/last mile programs
- Support for employers and/or employees to adopt TDM measures (including incentives), in collaboration with an existing or new TDM program provider
- Implementation of planned TDM programs (bike share, car share, microtransit, etc.)



# The Value of Braided Services



- Clients have a one-call/one-click resource to connect them with their regional mobility provider who help them navigate program options.
- All trips are coordinated by the same transit system, professional drivers, vehicles, scheduling and dispatch software, etc.
- AHS/DVHA benefits from having a turn-key system in place to cover all federal and state requirements. VTrans purchases software and vehicles, conducts audits, reviews Cost Allocation/ADA/Safety plans, etc. VTrans also covers most training needs.
- Public Transit benefits from applying NEMT (and other) funds to their overall operations. These allocated revenues help pay for the administration, preventive maintenance, and facilities needed to provide all mobility services in each region.

# eBus Update

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- Funds awarded for 27 vehicles, 6 on the road, 12 to be ordered when cutaways become available, 5 Letenda units, and 4 New Flyer from most recent award.
- Up to 17 large heavy-duty vehicles to be in next Low and No Emissions Bus and Bus Facilities grant program. Application due April 13<sup>th</sup>.
- Utility rates and charging equipment have been the primary issues.



# Microtransit Updates

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- Montpelier has reinstated a third vehicle into service.
- Windsor is now operating (Micro Moo). Approaching 30 trips per day with 60 projected.
- Morrisville is posting RFP in coming days. Sen. Welch visited on Friday, 3/10 to learn more about this mode.
- Manchester – GMCN is preparing to issue it's RFP in April.
- GMT plans to introduce Barre pilot in early SFY '24.
- Rutland still considering options. Full transit assessment is almost complete.



# THANK YOU

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PUBLIC TRANSIT PROGRAM – ROSS MACDONALD, DAN CURRIER,  
STEPHANIE REILLY, TAMMY FAY, TIM BRADSHAW AND SUSAN BAILEY

[ROSS.MACDONALD@VERMONT.GOV](mailto:ROSS.MACDONALD@VERMONT.GOV)

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